

1646  
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*Frank C. Eisenschenk*

Frank C. Eisenschenk, Ph.D., Patent Attorney

INFORMATION DISCLOSURE  
STATEMENT

Examining Group 1646

Patent Application

Docket No. ARS-103

Serial No. 10/510,014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1646  
Applicants : Amanda Proudfoot, Marie Kosco-Vilbois, Timothy N.C. Wells  
Serial No. : 10/510,014  
Filed : September 30, 2004  
Conf. No. : 4504  
For : Chemokines Mutants Having Improved Oral Bioavailability

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

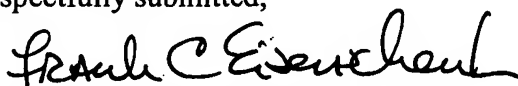
Sir:

The patent application referred to above was filed in the U.S. Patent Office as a national application under 35 USC §371. Applicants have been notified that a copy of the International Search Report has been made available in the national stage file as indicated on the Notice of Acceptance of the Application Under 35 USC 371 (Form PCT/DO/EO/903). The Notice does not indicate whether copies of the references cited in the International Search Report were received by the Patent Office. Therefore, copies of the references cited in the International Search Report are enclosed for the Examiner's convenience. However, Applicants have not submitted copies of the U.S. patents cited on attached Form PTO/SB/08 pursuant to 37 CFR 1.98(a)(2)(ii). In accordance with 37 CFR §1.56, Applicants hereby request that the references cited in the International Search Report and listed on the attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

Applicants have also listed on form PTO/SB/08 numerous references which have not been cited in the International Search Report. Copies of these documents are enclosed with this IDS. Applicants respectfully request that these references be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



Frank C. Eisenschenk, Ph.D.

Patent Attorney

Registration No. 45,332

Phone No.: 352-375-8100

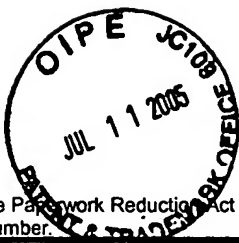
Fax No.: 352-372-5800

Address: P.O. Box 142950

Gainesville, FL 32614-2950

FCE/gyl

Attachments: Form PTO/SB/08; copies of cited references.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/510,014
				Filing Date	September 30, 2004
				First Named Inventor	Amanda Proudfoot
				Art Unit	1646
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	ARS-103

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-5,965,697	10-12-1999	Czaplewski <i>et al.</i>	All
	U2	US-6,214,540	04-10-2001	DeVico <i>et al.</i>	All
	U3	US-6,316,420	11-13-2001	Karin <i>et al.</i>	All
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

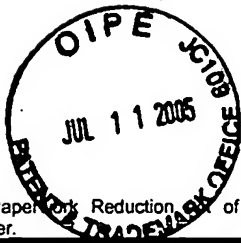
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1		WO 02/28419	04-11-2002	Applied Research Systems ARS Holding N.V.	All
	F2		WO 99/33989	07-08-1999	Fondazione Centro San Raffaele Del Monte Tabor	All
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/510,014
Filing Date	September 30, 2004
First Named Inventor	Amanda Proudfoot
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	ARS-103

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	KOOPMANN, W. <i>et al.</i> "Identification of a Glycosaminoglycan-Binding Site in Chemokine Macrophage Inflammatory Protein-1 $\alpha$ " <i>The Journal of Biological Chemistry</i> , April 11, 1997, pp. 10103-10109, Vol. 272, No. 15.	
	R2	KOOPMANN, W. <i>et al.</i> "Structure and Function of the Glycosaminoglycan Binding Site of Chemokine Macrophage-Inflammatory Protein-1 $\beta$ " <i>The Journal of Immunology</i> , 1999, pp. 2120-2127, Vol. 163.	
	R3	KUSCHERT, G. S. V. <i>et al.</i> "Glycosaminoglycans Interact Selectively with Chemokines and Modulate Receptor Binding and Cellular Responses" <i>Biochemistry</i> , 1999, pp. 12959-12968, Vol. 38.	
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		

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SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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